



SAYBOLT LP
400 Swenson Drive
Kenilworth, New Jersey 07033

Date: 19-Dec-03
Job No: 13031-0302286

LABORATORY CERTIFICATE OF ANALYSIS

Client:	SPRAGUE ENERGY	Lab Reference No:	1203-1004
Client Reference # :			
Vessel:	S/T 6 AFTER T/B B-75	Date Taken:	19-Dec-03
Terminal/Port:	SPRAGUE RENSSELAER, NY	Date Tested:	19-Dec-03
Sample Designated As:	SHORE TANK # 6 AFTER B-75		
Drawn By:	SAYBOLT INSPECTOR		

Test	Units	Method	Result
Gravity API	@ 60 Deg. F.	ASTM D-287	15.5
Sulfur, X-Ray	Weight %	ASTM D-4294	0.502
Flash Point	Deg. F.	ASTM D-93 (B)	216
Pour Point	Deg. C / Deg. F	ASTM D-97	24/75
Viscosity, KIN CST @ 122 F.	Deg. F.	ASTM D-445	197.2
Viscosity, KIN SSF @ 122 F.	Deg. F.	ASTM D-445	93.4
Carbon Residue, Conradson	Weight %	ASTM D-189	8.35
Ash	Weight %	ASTM D-482	0.07
B S & W (Water & Sediment)	Volume %	ASTM D-1796	1.00
Water by Distillation	Volume %	ASTM D-95	0.4
Sediment by Extraction	Weight %	ASTM D-473	0.08
Nitrogen	Weight %	ASTM D-5762	0.3175
Asphaltenes	Weight %	IP-143	1.84
Sodium	PPM	SOL/DIL	7.2
Vanadium	PPM	SOL/DIL	5
B.T.U. Value (gross), Bbtu/lb		ASTM D-240	18599
B.T.U. Value (gross), Bbtu/gal		ASTM D-240	149089
End of Analysis			

Remarks:

Precision parameters apply in the determination of the test results specified above. Please also refer to ASTM D-3244/77(83), IP-367 and appendix "E" of IP standard methods for analysis and testing with respect to the utilization of test data to determine conformance with the relevant ASTM of IP specifications. Note: ASTM D-3244 does not apply to RFG Testing

Nada Bardaghji
Saybolt LP

FAST TO THE POINT.

1. This report is issued subject to the General Terms, Conditions and Limitations published in the current applicable Saybolt service schedule and price list.
2. This report is issued for the use of our customers and supplies only information they specifically requested. There may be other relevant information which has not been reported. Saybolt will not be responsible to third parties for the contents of this report or for any omission therefrom.
3. This report is issued solely for the use of our customer and supplies only information they specifically requested. There may be other relevant information which has not been reported. Saybolt LP will not be responsible for the contents of this report or any omission therefrom.



SAYBOLT LP
400 Swenson Drive
Kenilworth, New Jersey 07033

Date: 19-Dec-03
Job No: 13031-0302286

LABORATORY CERTIFICATE OF ANALYSIS

Client: SPRAGUE ENERGY
Vessel: S/T 6 AFTER T/B B-75
Terminal/Port: SPRAGUE RENSSELAER, NY
Sample Designated As: SHORE TANK # 6 AFTER B-75
Drawn By: SAYBOLT INSPECTOR

Lab Reference No: 12031001-1003
Date Taken: 19-Dec-03
Date Tested: 19-Dec-03

Test		Units	Method	Result	
Gravity API	Upper	@ 60 Deg. F.	ASTM D-4052	15.5	
	Middle			15.4	
	Lower			15.4	
Sulfur, X-Ray	Upper	Weight %	ASTM D-4294	0.494	
	Middle			0.501	
	Lower			0.503	
End of Analysis					

Remarks:

Precision parameters apply in the determination of the test results specified above. Please also refer to ASTM D-3244/77(83), IP-367 and appendix "E" of IP standard methods for analysis and testing with respect to the utilization of test data to determine conformance with the relevant ASTM of IP specifications. Note: ASTM D-3244 does not apply to RFG Testing

Nada Bardaghji
Saybolt LP

FAST TO THE POINT.

- This report is issued subject to the General Terms, Conditions and Limitations published in the current applicable Saybolt service schedule and price list.
- This report is issued for the use of our customers and supplies only information they specifically requested. There may be other relevant information which has not been reported. Saybolt will not be responsible to third parties for the contents of this report or for any omission therefrom.
- This report is issued solely for the use of our customer and supplies only information they specifically requested. There may be other relevant information which has not been reported. Saybolt LP will not be responsible for the contents of this report or any omission therefrom.